

ABSTRACT OF THE DISCLOSURE

Traces routed through a computer depiction of a routing area of a system, such as an electronics system, comprise a plurality of connected nodes. The traces may be smoothed, straightened, or otherwise adjusted (e.g., to correct design rule violations) by assigning forces to the nodes and moving the nodes in accordance with the nodes. The forces may be based on such things as the proximity of the nodes to each other and to obstacles in the routing area.